

Comparisons of Job Characteristics

Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011)

Associated Occupation: Computer Specialists, All Other (15-1099)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011)

Associated Occupation: Computer Specialists, All Other (15-1099)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Computers and Electronics	8.4	19.7	21.9	> Current knowledge level is likely sufficient
Engineering and Technology	5.7	11.5	9.8	< Expanded education and/or training may be required
Design	5.2	11.1	5.1	<< Extensive education and/or training may be required
Telecommunications	3.9	9.0	12.1	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 13

Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011)

Associated Occupation: Computer Specialists, All Other (15-1099)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operations Analysis	5.0	12.0	3.8	<< Extensive development of skills in this area may be required
Systems Evaluation	6.4	11.1	6.0	<< Extensive development of skills in this area may be required
Systems Analysis	6.5	10.6	6.7	<< Extensive development of skills in this area may be required
Programming	2.2	10.0	2.8	<< Extensive development of skills in this area may be required
Technology Design	2.6	6.6	4.9	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 84			
Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011) Associated Occupation: Computer Specialists, All Other (15-1099)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Deductive Reasoning	10.6	12.8	9.7	<<	Extensive improvement in abilities may be required
Written Expression	9.8	12.7	10.0	<	Some improvement in abilities may be required
Information Ordering	9.9	11.7	10.3	<	Some improvement in abilities may be required
Category Flexibility	9.0	10.4	8.3	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	10.1	7.6	<<	Extensive improvement in abilities may be required
Originality	7.6	9.8	7.6	<	Some improvement in abilities may be required
Speed of Closure	5.9	7.2	5.3	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 81
Focus Occupation: Computer, Automated Teller, and Office Machine Repairers (49-2011) Associated Occupation: Computer Specialists, All Other (15-1099)		
Tools and Technologies	Exclusivity	
Business function specific software	1	
Computers	1	
Content authoring and editing software	1	
Content management software	6	
Data management and query software	1	
Development software	4	
Electrical cable and accessories	47	
Electronic and communication measuring and testing instruments	14	
Information exchange software	1	
Network applications software	1	
Networking software	21	
Operating environment software	12	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.